

a designation of a communication method defining communication with said predetermined apparatus via said line.

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations.

2. (Three Times Amended) A recording medium according to claim 1 wherein: said information is described in an HTML (Hyper Text Markup Language); and said telephone number is described along with a telephone-number tag showing that what is described by said telephone number is a telephone line.

3. (cancelled)

4. (Three Times Amended) A transmission medium configured to transmit information described in a language usable for describing link destinations, wherein said information includes:

a telephone number assigned to a line connected to a predetermined apparatus as a link destination; and

a designation of a communication method defining communication with said predetermined apparatus via said line;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations.

5. (Three Times Amended) A transmission medium according to claim 4 wherein: said information is described in an HTML (Hyper Text Markup Language); and said telephone number is described along with a telephone-number tag showing that what is described by said telephone number is a telephone line.

6. (cancelled)

C3 ~~Sub D3~~ 7. (Three Times Amended) An information processing apparatus configured to process information described in a language usable for describing link destinations, said apparatus comprising:

a) a receiver configured to receive said information transmitted by an information providing apparatus, the information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;

and

2) a designation of a communication method defining communication with the predetermined apparatus;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations;

b) a display configured to display said information received by said receiver;

c) a command device configured to specify a predetermined position in said information displayed by said display; and

d) a communication controller configured to establish a communication link with the predetermined apparatus, governed by the communication method, and based on the telephone number if said predetermined position specified by said command device is associated with said telephone number.

~~Sub E3~~ 8. (Twice Amended) An information processing apparatus according to claim 7 wherein: said information is described in an HTML (Hyper Text Markup Language); said telephone number is described along with a telephone number tag showing that what is described thereby is a telephone line; and

a recognition device judges whether or not said telephone number is associated with said predetermined position based on said telephone-number tag.

9. (cancelled)

Sub 04 10. (Three Times Amended) An information processing apparatus configured to process information described in a language usable for describing link destinations, said apparatus comprising:

a) a receiver configured to receive said information transmitted by an information providing apparatus, the information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;

and

2) a designation of a communication method defining communication with said predetermined apparatus via said line;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations;

b) a display configured to display said information received by said receiver;

c) a command device configured to specify a predetermined position in said information displayed by said display;

d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if said predetermined position specified by said command device is associated with said telephone number; and

e) a telephone-number selector configured to select one from a plurality of telephone numbers in case plural telephone numbers are associated with said predetermined position.

11. (Three Times Amended) An information processing apparatus configured to process information described in a language usable for describing link destinations, said apparatus comprising:

a) a receiver configured to receive said information transmitted by an information providing apparatus, the information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;

and

2) a designation of a communication method defining communication with said predetermined apparatus via said line;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations;

b) a display configured to display said information received by said receiver;

c) a command device configured to specify a predetermined position in said information displayed by said display;

d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if said predetermined position specified by said command device is associated with said telephone number; and

e) a number adder configured to add a number required for international communication to a telephone number in case said telephone number is a telephone number of a foreign country.

Sub  
E4  
12. (Amended) An information processing apparatus according to claim 7 further including a confirmation device configured to confirm that a communication link with said predetermined apparatus shall be established.

Sub  
D5  
13. (Three Times Amended) An information processing apparatus configured to process information described in a language usable for describing link destinations, said apparatus comprising:

a) a receiver configured to receive said information transmitted by an information providing apparatus, the information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;  
and

2) a designation of a communication method defining communication with said predetermined apparatus via said line;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations;

b) a display configured to display said information received by said receiver;

c) a command device configured to specify a predetermined position in said information displayed by said display; and

d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if said predetermined position specified by said command device is associated with said telephone number;

wherein said display also displays an estimated charge for a telephone call to communicate with said predetermined apparatus.

14. (Three Times Amended) An information processing apparatus configured to process information described in a language usable for describing link destinations, said apparatus comprising:

a) a receiver configured to receive said information transmitted by an information providing apparatus, the information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;  
and

2) a designation of a communication method defining communication with said predetermined apparatus via said line;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations;

b) a display configured to display said information received by said receiver;

c) a command device configured to specify a predetermined position in said information displayed by said display; and

DS  
CH  
cont  
d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if said predetermined position specified by said command device is associated with said telephone number;

wherein:

said receiver receives said information transmitted by said information providing apparatus by way of a predetermined network after a communication link connecting said information processing apparatus to said predetermined network has been established;

said communication controller establishes a communication link connecting said information processing apparatus to said predetermined apparatus after a line connecting said information processing apparatus to said predetermined network has been cut off; and

said communication link connecting said information processing apparatus to said predetermined network is reestablished after communication with said predetermined apparatus has been completed.

15. (Three Times Amended) An information processing apparatus configured to process information described in a language usable for describing link destinations, said apparatus comprising:

a) a receiver configured to receive said information transmitted by an information providing apparatus, the information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;  
and

2) a designation of a communication method defining communication with said predetermined apparatus via said line;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations;

b) a display configured to display said information received by said receiver;

c) a command device configured to specify a predetermined position in said information displayed by said display; and

d) a communication controller configured to establish a communication link with the predetermined apparatus based on the telephone number, if said predetermined position specified by said command device is associated with said telephone number;

wherein:

said receiver receives said information transmitted by said information providing apparatus by way of a predetermined network after a communication link connecting said information processing apparatus to said predetermined network has been established; and

in case an attempt made by said communication controller to establish a communication link connecting said information processing apparatus to said predetermined apparatus after cutting off a line connecting said information processing apparatus to said predetermined network ends in a failure, either an attempt to establish a communication link connecting said information processing apparatus to said predetermined apparatus is again made or said communication link connecting said information processing apparatus to said predetermined network is re-established.

Sub  
D6  
16. (Amended) An information processing apparatus according to claim 15 wherein, in case said attempt made by said communication controller to establish a communication link connecting said information processing apparatus to said predetermined apparatus ends in a failure, said information processing apparatus is capable of selecting either processing to again make an attempt to establish a communication link connecting said information processing apparatus to said predetermined apparatus or processing to re-establish said communication link connecting said information processing apparatus to said predetermined network.

Sub  
D6  
17. (Three Times Amended) A method for processing incoming information described in a language usable for describing link destinations, said method comprising:

receiving and displaying said information transmitted by an information providing apparatus, said information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;

and

2) a designation of a communication method defining communication with the predetermined apparatus;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations; and establishing a communication link with the predetermined apparatus based on said telephone number if a predetermined position on said displayed information is indicated and said predetermined position is associated with said telephone number.

18. (Three times Amended) A recording medium configured to store a computer program to be executed by an information processing apparatus configured to process information described in a language usable for describing link destinations, said program comprising:



receiving and displaying said information transmitted by an information providing apparatus, said information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;  
and

2) a designation of a communication method defining communication with the predetermined apparatus;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations; and establishing a communication link connecting said information processing apparatus to the predetermined apparatus based on said telephone number if a predetermined position on said displayed information is indicated and said predetermined position is associated with said telephone number.

19. (Three Times Amended) A transmission medium configured to transmit a computer program to be executed by an information processing apparatus configured to process information described in a language usable for describing link destinations, said program comprising:

receiving and displaying said information transmitted by an information providing apparatus, said information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;  
and

2) a designation of a communication method defining communication with the predetermined apparatus;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations; and

establishing a communication link connecting said information processing apparatus to the predetermined apparatus based on said telephone number if a predetermined position on said displayed information is indicated and said predetermined position is associated with said telephone number.

20. (Three Times Amended) An information providing apparatus comprising:

a recording medium configured to store information described in a language usable for describing link destinations; and

a transmitter configured to transmit said information in response to a request, wherein

said information stored in said recording medium includes:

1) a telephone number assigned to a line connected to a predetermined apparatus as said link destination; and

2) a designation of a communication method defining communication with the predetermined apparatus;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations.

21. (Twice Amended) An information providing apparatus according to Claim 20

wherein:

said information is described in a HTML (Hyper Text Markup Language); and

said telephone number is described along with a telephone number tag indicating that a

description thereof is a telephone line.

22. (cancelled)

23. (Three Times Amended) An information processing system comprising:

a) an information providing apparatus configured to provide information described in a language usable for describing link destinations, said information providing apparatus including:

*D7  
A5  
cont*

a recording medium for storing information including (1) a telephone number assigned to a line connected to a predetermined apparatus as said link destination and (2) a designation of a communication method defining communication with the predetermined apparatus; wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations; and

a transmitter configured to transmit said information in response to a request received from an information processing apparatus,

b) said information processing apparatus, configured to receive and process said information, said information processing apparatus including:

a receiver configured to receive said information transmitted by said information providing apparatus;

a display configured to display said information received by said receiver;

a command device configured to specify a predetermined position in said information displayed by said display; and

a communication controller configured to establish a communication link connecting said information processing apparatus to the predetermined apparatus based on the telephone number if said predetermined position specified by said command device is associated with said telephone number.

24. (Twice Amended) /An Internet appliance apparatus configured to process information described in a language usable for describing link destinations, said apparatus comprising:

a) a receiver configured to receive said information transmitted by an information providing apparatus, the information including:

1) a telephone number assigned to a line connected to a predetermined apparatus;

and

2) a designation of a communication method defining communication with the predetermined apparatus;

wherein the telephone number and the communication method designation are embedded in text using tags in the language usable for describing link destinations;

b) a display configured to display said information received by said receiver;

c) a command device configured to specify a predetermined position in said information displayed by said display; and

d) a communication controller configured to establish a communication link with the predetermined apparatus, governed by the communication method, and based on the telephone number if said predetermined position specified by said command device is associated with said telephone number.

25. (Twice Amended) A Web Browser program to be executed by an information processing apparatus configured to process information described in a language usable for describing link destinations, said program comprising:

receiving and displaying said information transmitted by an information providing apparatus, said information including: